

February 22, 2013

To: Executive Board

Subject: **Foothill Transit CNG Fueling Program**

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### **Recommendation**

Receive and file a report on Foothill Transit's clean fuel efforts with Clean Energy and our role in advancing the use of compressed natural gas (CNG).

### **Background**

When Foothill Transit proceeded down the path to using CNG as an alternative fuel for its fleet in 2002, the agency contracted with Clean Energy to make this transition. At the time, this was a pioneering step for both organizations, as there was not another transit property in Southern California who was contracting with Clean Energy for CNG fueling station support. Clean Energy designed and built the CNG fuel station at the Pomona Operations and Maintenance Facility in 2001. In order to ensure the most flexibility during our organization's entry into clean fuel technology, Foothill Transit chose to have Clean Energy build a CNG station at that facility and Foothill Transit leases the station – built on Foothill Transit property – from Clean Energy. The organization's first order of 66 CNG coaches was placed into service at the Pomona operations and maintenance facility in July 2002, and since then, with the exception of the three Ecoliners, all new coaches procured have been CNG-powered. Clean Energy's current contract in Pomona expires in May 2017.

After proving the effectiveness of CNG fuel technology on Foothill Transit's fleet in Pomona, a contract was awarded to Clean Energy in 2005, subsequent to a competitive procurement, to build a CNG station at Foothill Transit's Arcadia Operations and Maintenance Facility. The Arcadia CNG station is owned by Foothill Transit with maintenance provided by Clean Energy; this contract expires in June 2015.

More than a decade after Foothill Transit's initial foray into CNG, the agency now operates 288 CNG-powered buses and Clean Energy continues to provide high quality preventative and emergency maintenance services on Foothill Transit's CNG fuel stations in Arcadia and Pomona. The Foothill Transit-owned equipment in Arcadia and our leased equipment in Pomona are comprised of compressors, motors, generators, and the fueling "pump." The natural gas is supplied by Southern California Gas Company and the gas is then compressed at the station, without any fuel being "stored". Foothill Transit buses are fueled every evening and begin service each day with a 400 mile operating range.

Foothill Transit is also home to two CNG "public access" stations, one at each of our operating facilities. These stations are owned and maintained by Clean Energy on land

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that is leased to Clean Energy. Both stations are located on the perimeter of the respective properties and are constructed in such a way that they do not interfere with Foothill Transit's day-to-day transit operations. Customers of the public access stations access these stations from the public roadways and at no time enter Foothill Transit's operating footprint.

The stations are utilized by approximately 2,400 people monthly and frequent customers include the City of Pomona, the City of Arcadia, local refuse haulers, taxi and airport shuttles, and local business and community members. Foothill Transit receives a payment from Clean Energy related to sales at these stations totaling approximately \$2,000.00 per month, depending on usage levels.

Clean Energy, who now fuels more than 6,000 buses every day across the United States, has helped Foothill Transit reduce its emissions by, and made our move to a clean-fueled fleet possible.

*Representatives from Clean Energy will be providing an overview to the Board on the work that they do for the organization.*

### **Budget Impact**

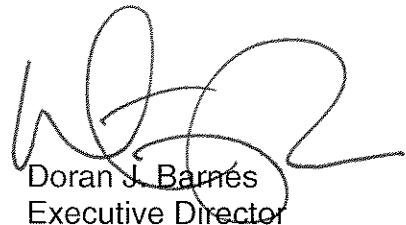
There is no budget impact from the recommended action as this is an information item only.

Foothill Transit contracts with Clean Energy for emergency and preventative maintenance services on both of its fuel stations and leases the CNG station in Pomona from Clean Energy. This cost is dependent on the amount of natural gas throughput each month is budgeted as an operating expense in the FY 2013 Business Plan.

Sincerely,



Lauren Cochran Festner  
Director of Maintenance and Vehicle Technology



Doran J. Barnes  
Executive Director